

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5071410
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Paul Mendonsa/Michelle Evans
<b>Filer Authorized By:</b>	Paul Mendonsa
<b>Attorney Docket Number:</b>	042390.P16330
<b>Receipt Date:</b>	31-MAR-2009
<b>Filing Date:</b>	26-FEB-2004
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<b>Application Type:</b>	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		42P16330_IDS_03-31-09.pdf	306523 f8b4d021ba304e10342f0c3c7b68c9208a adbd	yes	2
<b>Multipart Description/PDF files in .zip description</b>					
	<b>Document Description</b>		<b>Start</b>		<b>End</b>
	Information Disclosure Statement Letter		1		1
	Information Disclosure Statement (IDS) Filed (SB/08)		2		2
<b>Warnings:</b>					
<b>Information:</b>					
2	NPL Documents	42P16330MY_OA_10-24-08.pdf	262768 262660908f12fbccc15794c438b554b7a252 c0b7	no	8
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	42P16330X_FOA_12-11-08.pdf	282569 66dc267599de87724815c6e5c7266402a54 ddc0f	no	8
<b>Warnings:</b>					
<b>Information:</b>					
4	Fee Worksheet (PTO-06)	fee-info.pdf	29815 6e7d724b826c2758048b52ca86799100dc2 3d994	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			881675		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

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